

Title (en)

Purification of spergualin-related compounds.

Title (de)

Isolierung von von Spergualin abgeleiteten Verbindungen.

Title (fr)

Isolement de composés dérivés de spergualin.

Publication

EP 0349297 A1 19900103 (EN)

Application

EP 89306573 A 19890628

Priority

JP 16415388 A 19880701

Abstract (en)

Spergualin-related compounds and their synthetic intermediates are purified by electrodialysis and/or reverse osmosis. Solutions of such compound or intermediate containing inorganic salt (due to elution with inorganic salt solution) can be desalinated by electrodialysis and then concentrated by reverse osmosis.

IPC 1-7

C07C 231/24; **C07C 277/08**

IPC 8 full level

C07C 279/14 (2006.01); **C07B 63/00** (2006.01); **C07C 231/24** (2006.01); **C07C 235/10** (2006.01); **C07C 277/06** (2006.01); **C07C 277/08** (2006.01); **C07C 279/18** (2006.01)

CPC (source: EP US)

C07C 277/08 (2013.01 - EP US)

Citation (search report)

- EP 0094632 A1 19831123 - MICROBIAL CHEM RES FOUND [JP]
- FR 2489819 A1 19820312 - ZAIDAN HOJIN BISEIBUTSU [JP]
- FR 2505330 A1 19821112 - MICROBIAL CHEM RES FOUND [JP]
- GB 2155013 A 19850918 - TAKARA SHUZO CO, et al
- Chemical Engineering Progress, Vol. 80, No. 12, December 1984, pages 47-50, New York, US; P.B. REED: "Electrodialysis for the purification of protein solutions", whole article.
- CHEMICAL ABSTRACTS, Vol. 104, No. 22, June 2, 1986, Abstract 193230x, Columbus, Ohio, US; & JP,A,60 258 185 (SHIONOGI and CO. LTD) 20-12-1985, whole Abstract.
- CHEMICAL ABSTRACTS, Vol. 97, No. 7, August 16, 1982, page 508, Abstract 54185k, Columbus, Ohio, US; R.G. SIMONS: "Separation of salt from soya bean hydrolyzates by electrodialysis", & Food Technol. Aust. 1982, 34(6), 294-5, whole Abstract.
- CHEMICAL ABSTRACTS, Vol. 87, No. 24, December 12, 1977, page 310, Abstract 189423a, Columbus, Ohio, US; R. DATTA et al.: "Concentration of antibiotics by reverse osmosis", & Biotechnol. Bioeng. 1977, 19(10), 1419-29, whole Abstract.

Cited by

EP2216088A1; US9415346B2; WO2010089095A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0349297 A1 19900103; **EP 0349297 B1 19930901**; DE 68908797 D1 19931007; DE 68908797 T2 19940421; JP H0215055 A 19900118; JP H0776204 B2 19950816; US 4981595 A 19910101

DOCDB simple family (application)

EP 89306573 A 19890628; DE 68908797 T 19890628; JP 16415388 A 19880701; US 37074689 A 19890620